
Environmental Factors

SICK FROM POOR INDOOR AIR QUALITY IN PAST 12 MONTHS

Definition: Respondents who answered “yes” to the question “In the past 12 months have you had an illness or symptom that you think was caused by something in the air, like dust, mold, smoke, and chemicals, inside a home, office, or other building?”

Prevalence of Sick from Poor Indoor Air Quality in Past 12 Months

- South Dakota 17.3%
- There is no nationwide median for sick from poor indoor air quality in past 12 months

Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for sick from poor indoor air quality in past 12 months.

Trend Analysis

This was the first year this question was asked so no trend analysis could be done.

Demographics

Gender	There are no significant gender differences observed from the available data in regard to the prevalence of becoming sick from poor indoor air quality.
Age	The prevalence of sickness from poor indoor air quality generally decreases as age increases. This includes a significant decrease occurring when the 55-64 age group is reached. However, females also show a significant decrease when the 75 and older age group is attained.
Race	American Indians demonstrate a significantly higher prevalence of sickness from poor indoor air quality than whites.
Region	There are no regional differences observed from the available data overall, but females in the American Indian counties region do exhibit a very high prevalence of sickness from poor indoor air quality, while females in the central region show a very low prevalence.
Household Income	The prevalence of sickness from poor indoor air quality is much lower for the higher income groups than the lower income groups, but the prevalence does not follow a steady pattern as household income increases.
Education	The prevalence of sickness from poor indoor air quality increases as education increases.
Employment Status	Those who are unable to work, unemployed, or a student demonstrate a very high prevalence of sickness from poor indoor air quality, while those who are retired show a very low prevalence.
Marital Status	Those who are widowed exhibit a significantly lower prevalence of sickness from poor indoor air quality than each of the other marital status groups.

Table 92
Respondents Sick from Poor Indoor Air Quality in Past 12 Months, 2004

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,093	17.3	(16.1-18.6)	2,508	15.7	(14.0-17.7)	3,585	18.9	(17.2-20.6)
Age									
18-24	337	20.6	(15.9-26.2)	149	17.9	(12.0-25.9)	188	23.5	(16.7-31.9)
25-34	784	21.3	(18.1-24.8)	335	20.1	(15.5-25.8)	449	22.4	(18.5-27.0)
35-44	1,025	20.1	(17.4-23.1)	426	19.2	(15.4-23.8)	599	21.0	(17.5-25.0)
45-54	1,268	20.1	(17.6-22.8)	565	16.7	(13.3-20.8)	703	23.6	(20.2-27.3)
55-64	960	14.0	(11.7-16.7)	405	11.8	(8.6-15.9)	555	16.3	(13.1-20.1)
65-74	876	9.9	(8.0-12.4)	363	6.2	(4.2-9.2)	513	13.1	(10.1-16.9)
75+	823	7.1	(5.4-9.3)	259	8.4	(5.5-12.6)	564	6.3	(4.4-8.9)
Race									
White	5,450	17.0	(15.7-18.3)	2,259	15.3	(13.5-17.3)	3,191	18.7	(16.9-20.5)
American Indian	432	24.4	(18.9-30.8)	163	24.1	(15.6-35.4)	269	24.5	(18.1-32.3)
Region									
Southeast	1,507	16.9	(14.8-19.3)	621	14.9	(12.0-18.3)	886	18.8	(15.8-22.3)
Northeast	1,381	17.8	(15.4-20.5)	557	16.6	(12.8-21.1)	824	19.0	(16.1-22.3)
Central	1,139	15.7	(13.3-18.4)	463	15.4	(11.7-19.9)	676	16.0	(13.1-19.3)
West	1,427	17.5	(15.2-20.1)	600	16.0	(12.6-20.2)	827	19.0	(16.0-22.4)
American Indian Counties	639	21.9	(17.8-26.6)	267	18.0	(12.8-24.7)	372	25.6	(19.7-32.6)
Household Income									
Less than \$10,000	300	26.1	(18.8-35.0)	*	*	*	*	*	*
\$10,000-\$14,999	369	22.0	(17.0-28.1)	102	20.7	(12.6-32.0)	267	22.7	(16.7-30.2)
\$15,000-\$19,999	506	25.4	(19.4-32.4)	189	30.8	(21.6-41.7)	317	21.0	(13.9-30.4)
\$20,000-\$24,999	671	16.2	(12.9-20.1)	261	14.1	(9.6-20.4)	410	18.1	(13.9-23.3)
\$25,000-\$34,999	974	19.3	(16.2-22.8)	430	18.2	(13.9-23.4)	544	20.5	(16.3-25.4)
\$35,000-\$49,999	1,039	16.4	(13.9-19.2)	474	12.2	(9.1-16.2)	565	20.9	(17.3-25.1)
\$50,000-\$74,999	908	15.2	(12.7-18.1)	407	11.9	(8.5-16.4)	501	18.4	(14.9-22.4)
\$75,000+	713	14.6	(11.8-18.0)	376	14.6	(10.8-19.5)	337	14.6	(10.9-19.2)
Education									
8th Grade or Less	257	12.1	(8.1-17.5)	131	14.2	(8.7-22.3)	126	8.9	(4.6-16.5)
Some High School	317	12.5	(8.5-18.0)	133	14.4	(8.6-23.1)	184	10.4	(5.9-17.9)
High School or G.E.D.	2,005	15.5	(13.4-17.7)	855	14.0	(11.1-17.4)	1,150	17.0	(14.3-20.1)
Some Post-High School	1,730	18.9	(16.6-21.5)	645	16.0	(12.7-20.0)	1,085	21.4	(18.2-24.9)
College Graduate	1,770	19.2	(17.0-21.6)	738	18.1	(14.8-21.9)	1,032	20.3	(17.5-23.4)
Employment Status									
Employed for Wages	3,034	19.5	(17.8-21.4)	1,246	18.0	(15.5-20.8)	1,788	21.1	(18.9-23.5)
Self-employed	822	14.5	(11.9-17.4)	543	11.9	(9.2-15.3)	279	20.1	(15.1-26.3)
Unemployed	145	17.2	(10.7-26.4)	*	*	*	*	*	*
Homemaker	287	16.7	(12.3-22.3)	*	*	*	*	*	*
Student	133	25.0	(16.5-36.0)	*	*	*	*	*	*
Retired	1,487	8.4	(7.0-10.1)	525	8.6	(6.3-11.7)	962	8.2	(6.5-10.2)
Unable to Work	181	32.1	(24.5-40.8)	*	*	*	*	*	*
Marital Status									
Married/Unmarried Couple	3,624	17.4	(15.9-18.9)	1,564	16.1	(14.0-18.5)	2,060	18.6	(16.8-20.6)
Divorced/Separated	813	20.6	(17.5-24.0)	352	17.7	(13.5-22.8)	461	23.1	(18.9-28.0)
Widowed	883	9.0	(7.2-11.3)	163	10.3	(6.1-17.0)	720	8.7	(6.8-11.1)
Never Married	759	19.0	(15.2-23.5)	424	14.5	(10.5-19.7)	335	26.5	(19.6-34.8)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Further Analysis

Following are data illustrating the percent of those who got sick from poor indoor air quality in the past 12 months for various health behaviors and conditions. For example, 26.1 percent of respondents who stated they have no health insurance got sick from poor indoor air quality in the past 12 months, while 19.1 percent of respondents who do have health insurance got sick from poor indoor air quality in the past 12 months.

Table 93
Sick from Poor Indoor Air Quality in Past 12 Months for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% Sick from Poor Indoor Air Quality	95% CI
Fair or Poor Health Status	945	22.9	19.6-26.5
Excellent, Very Good, or Good Health Status	5,135	16.5	15.2-17.9
Physical Health Not Good for 30 Days of the Past 30	386	22.4	17.9-27.6
Physical Health Not Good for 0-29 Days of the Past 30	5,656	17.0	15.7-18.3
Mental Health Not Good for 20-30 Days of the Past 30	345	29.5	23.7-36.1
Mental Health Not Good for 0-19 Days of the Past 30	5,687	16.5	15.3-17.8
Usual Activities Unattainable for 10-30 Days of the Past 30	390	26.2	21.3-31.6
Usual Activities Unattainable for 0-9 Days of the Past 30	5,685	16.8	15.5-18.1
Obese (BMI = 30.0+)	1,526	20.7	18.3-23.2
Overweight (BMI = 25.0-29.9)	2,254	15.6	13.8-17.7
Recommended Weight (BMI = 18.5-24.9)	2,030	16.5	14.4-18.9
No Leisure Time Physical Activity	1,307	15.5	13.1-18.1
Leisure Time Physical Activity	4,783	17.8	16.4-19.2
Current Smoker	1,216	18.7	16.0-21.7
Former Smoker	1,594	17.2	15.1-19.6
Never Smoked	3,273	16.9	15.3-18.7
Drank Alcohol in Past 30 Days	3,263	17.8	16.1-19.6
No Alcohol in Past 30 Days	2,791	16.6	14.9-18.5
Binge Drinker	789	18.1	15.0-21.7
Not a Binge Drinker	5,247	17.0	15.7-18.4
Heavy Drinker	206	17.4	12.0-24.5
Not a Heavy Drinker	5,811	17.3	16.1-18.6
No Mammogram within Past Two Years (40+)	652	16.7	13.5-20.4
Mammogram within Past Two Years (40+)	1,987	16.9	15.0-18.9
No Clinical Breast Exam within Past Two Years	679	18.4	14.5-23.0
Clinical Breast Exam within Past Two Years	2,859	19.1	17.3-21.0
Insufficient Cervical Cancer Screening	400	20.7	15.0-27.9
Sufficient Cervical Cancer Screening	2,228	18.6	16.6-20.8
No PSA Test within Past Two Years (40+)	795	14.3	11.7-17.3
PSA Test within Past Two Years (40+)	965	11.3	9.2-13.8
No Digital Rectal Exam within Past Two Years (40+)	812	14.9	12.2-18.0
Digital Rectal Exam within Past Two Years (40+)	1,004	11.4	9.4-13.9
No Blood Stool Test within Past Two Years (50+)	2,405	12.6	11.1-14.2
Blood Stool Test within Past Two Years (50+)	879	14.0	11.5-16.8
Never Had Sigmoidoscopy or Colonoscopy (50+)	1,643	12.8	11.0-14.9
Ever Had Sigmoidoscopy or Colonoscopy (50+)	1,661	13.0	11.3-14.9
Haven't Been to the Dentist in the Past 12 Months	1,829	16.4	14.4-18.7
Been to the Dentist in the Past 12 Months	4,252	17.7	16.2-19.3
Not Taking any Precautions Against West Nile Virus	1,900	13.9	11.9-16.1
Taking Precautions Against West Nile Virus	4,026	19.2	17.7-20.9
No Health Insurance (18-64)	366	26.1	20.1-33.1
Health Insurance (18-64)	3,881	19.1	17.6-20.7
Employer Based Health Insurance Coverage (18-64)	2,657	19.6	17.8-21.6
Private Health Insurance Plan (18-64)	530	12.1	9.3-15.7
Medicare (18-64)	117	31.6	22.8-42.1
Medicaid or Medical Assistance (18-64)	109	17.3	10.7-26.8
The Military, CHAMPUS, TriCare, or the VA (18-64)	185	21.6	14.7-30.7
The Indian Health Service (18-64)	235	24.1	17.6-32.1

Table 93 (continued)
Sick from Poor Indoor Air Quality in Past 12 Months for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% Sick from Poor Indoor Air Quality	95% CI
No Flu Shot (65+)	418	9.9	7.1-13.7
Flu Shot (65+)	1,276	8.1	6.6-9.8
No Pneumonia Shot (65+)	575	6.0	4.1-8.6
Pneumonia Shot (65+)	1,102	9.9	8.1-12.0
Diabetes	527	17.5	13.7-22.1
No Diabetes	5,563	17.3	16.1-18.7
Current Asthma	437	40.5	34.3-46.9
Former Asthma	189	23.1	15.6-32.7
Never Had Asthma	5,443	15.3	14.1-16.6
Previously Had a Heart Attack	367	10.9	7.8-15.1%
Never Had a Heart Attack	5,582	17.8	16.5-19.2
Have Angina or Coronary Heart Disease	399	19.5	15.2-24.7
Do not Have Angina or Coronary Heart Disease	5,532	17.4	16.1-18.7
Previously Had a Stroke	192	12.5	7.9-19.3
Never Had a Stroke	5,754	17.6	16.4-19.0
Physical, Mental, or Emotional Disability	1,241	23.2	20.2-26.5
No Physical, Mental, or Emotional Disability	4,776	16.2	14.9-17.6
Disability with Special Equipment Needed	444	16.2	12.5-20.7
No Disability with Special Equipment Needed	5,576	17.5	16.2-18.8
Four or More Hours of TV Watched per Day	1,415	17.4	15.0-20.0
Less Than Four Hours of TV Watched per Day	4,489	17.6	16.2-19.1
Sick from Outdoor Air Pollution in Past Year	421	61.1	55.0-66.9
Not Sick from Outdoor Air Pollution in Past Year	5,656	14.3	13.1-15.6
Firearm in Household	3,354	16.7	15.2-18.3
No Firearms in Household	2,507	18.8	16.7-21.1
Loaded and Unlocked Firearm in Household	271	15.7	11.3-21.5
No Loaded and Unlocked Firearms in Household	5,553	17.7	16.4-19.0
No Birth Control (females 18-44 & males 18-59)	332	18.8	14.3-24.4
Birth Control (females 18-44 & males 18-59)	1,678	19.8	17.6-22.2
Never Been Tested for HIV (18-64)	3,067	18.4	16.6-20.2
Been Tested for HIV (18-64)	1,151	23.1	20.2-26.2
Sunburn in Past 12 Months	2,156	20.2	18.1-22.4
No Sunburn in Past 12 Months	3,926	15.2	13.8-16.7
Military Veteran	1,004	12.5	10.3-15.2
Not a Military Veteran	5,076	18.2	16.9-19.7

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

SICK FROM OUTDOOR AIR POLLUTION IN PAST 12 MONTHS

Definition: Respondents who answered “yes” to the question “In the past 12 months have you had an illness or symptom that you think was caused by pollution, things like smog, automobile exhaust, and chemicals, in the air outdoors?”

Prevalence of Sick from Outdoor Air Pollution in Past 12 Months

- South Dakota 6.1%
- There is no nationwide median for sick from outdoor air quality in past 12 months

Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for sick from outdoor air quality in past 12 months.

Trend Analysis

This was the first year this question was asked so no trend analysis could be done.

Demographics

Gender	There are no significant overall gender differences observed from the available data in regard to the prevalence of becoming sick from outdoor air pollution. However, American Indian females do exhibit a significantly higher prevalence than American Indian males.
Age	The prevalence of sickness from outdoor air pollution doesn't seem to follow any sort of a pattern as age increases.
Race	There are no overall racial differences observed from the available data, but American Indian females do demonstrate a significantly higher prevalence of sickness from outdoor air pollution than white females.
Region	The west region exhibits a very high prevalence for sickness due to outdoor air pollution, while the southeast region shows a very low prevalence.
Household Income	The prevalence of sickness from outdoor air pollution generally decreases as household income increases.
Education	The prevalence of sickness from outdoor air pollution doesn't seem to follow any sort of a pattern as education increases.
Employment Status	Those who are unable to work demonstrate a very high prevalence of sickness from outdoor air pollution, while those who are retired, employed for wages, or a homemaker show a very low prevalence.
Marital Status	Those who are divorced or separated exhibit a very high prevalence of sickness from outdoor air pollution, while those who are married show a very low prevalence. Females who are widowed also show a very low prevalence.

Table 94
Respondents Sick from Outdoor Air Pollution in Past 12 Months, 2004

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,115	6.1	(5.4-6.9)	2,513	5.6	(4.6-6.8)	3,602	6.7	(5.8-7.7)
Age									
18-24	336	5.8	(3.5-9.4)	149	5.5	(2.5-11.6)	187	6.1	(3.2-11.2)
25-34	782	5.0	(3.6-7.0)	334	4.1	(2.3-7.1)	448	6.0	(3.9-9.1)
35-44	1,033	6.5	(5.0-8.5)	430	7.0	(4.7-10.2)	603	6.1	(4.3-8.5)
45-54	1,272	7.4	(6.0-9.2)	564	5.2	(3.5-7.7)	708	9.7	(7.5-12.4)
55-64	960	7.3	(5.6-9.4)	405	6.7	(4.5-10.1)	555	7.8	(5.6-10.7)
65-74	882	5.5	(4.1-7.3)	364	5.0	(3.2-7.7)	518	6.0	(4.1-8.7)
75+	829	4.4	(3.2-6.0)	261	4.7	(2.8-7.8)	568	4.2	(2.8-6.2)
Race									
White	5,470	5.8	(5.1-6.5)	2,262	5.3	(4.3-6.4)	3,208	6.2	(5.3-7.3)
American Indian	432	8.1	(5.5-11.8)	164	3.1	(1.2-7.3)	268	12.1	(7.8-18.3)
Region									
Southeast	1,511	4.7	(3.6-6.2)	621	3.8	(2.4-6.1)	890	5.6	(4.0-7.7)
Northeast	1,388	5.9	(4.6-7.5)	557	6.1	(4.1-9.0)	831	5.7	(4.2-7.7)
Central	1,146	6.4	(5.0-8.1)	464	7.0	(4.9-9.8)	682	5.9	(4.2-8.1)
West	1,428	8.0	(6.6-9.7)	600	7.3	(5.2-10.1)	828	8.8	(6.9-11.0)
American Indian Counties	642	8.8	(6.1-12.5)	271	4.5	(2.3-8.5)	371	13.0	(8.4-19.6)
Household Income									
Less than \$10,000	304	14.6	(9.1-22.7)	*	*	*	*	*	*
\$10,000-\$14,999	368	9.4	(6.5-13.4)	102	11.1	(5.6-20.5)	266	8.5	(5.5-12.8)
\$15,000-\$19,999	506	7.2	(4.8-10.7)	188	7.6	(3.9-14.3)	318	6.9	(4.2-11.2)
\$20,000-\$24,999	673	5.8	(4.0-8.4)	263	3.8	(2.2-6.7)	410	7.7	(4.8-12.2)
\$25,000-\$34,999	977	6.6	(4.9-8.8)	431	5.3	(3.4-8.3)	546	8.1	(5.5-11.7)
\$35,000-\$49,999	1,039	5.9	(4.3-8.1)	473	5.7	(3.4-9.4)	566	6.2	(4.3-8.9)
\$50,000-\$74,999	910	5.0	(3.6-6.9)	407	4.9	(2.9-8.0)	503	5.1	(3.4-7.6)
\$75,000+	718	4.1	(2.9-5.8)	378	3.8	(2.4-6.1)	340	4.6	(2.8-7.3)
Education									
8th Grade or Less	258	6.9	(4.3-10.8)	131	6.5	(3.4-12.1)	127	7.5	(3.8-14.2)
Some High School	321	5.1	(2.9-8.9)	137	3.6	(1.6-7.8)	184	6.9	(3.3-14.0)
High School or G.E.D.	2,014	5.7	(4.6-7.0)	856	5.7	(4.1-7.9)	1,158	5.6	(4.3-7.2)
Some Post-High School	1,733	6.8	(5.5-8.4)	645	6.4	(4.4-9.3)	1,088	7.1	(5.5-9.2)
College Graduate	1,775	6.0	(4.8-7.6)	738	4.9	(3.2-7.2)	1,037	7.2	(5.5-9.5)
Employment Status									
Employed for Wages	3,036	5.4	(4.6-6.4)	1,245	4.6	(3.4-6.1)	1,791	6.3	(5.2-7.7)
Self-employed	827	7.7	(5.9-10.1)	545	7.8	(5.6-10.8)	282	7.6	(4.8-11.9)
Unemployed	147	9.9	(5.1-18.2)	*	*	*	*	*	*
Homemaker	288	5.6	(3.4-9.3)	*	*	*	*	*	*
Student	133	9.2	(4.4-18.2)	*	*	*	*	*	*
Retired	1,497	4.4	(3.4-5.5)	526	4.5	(3.0-6.5)	971	4.3	(3.2-5.8)
Unable to Work	183	16.4	(11.1-23.5)	*	*	*	*	*	*
Marital Status									
Married/Unmarried Couple	3,635	5.7	(4.9-6.6)	1,565	5.3	(4.2-6.7)	2,070	6.0	(4.9-7.3)
Divorced/Separated	815	10.2	(8.1-12.9)	354	7.6	(5.1-11.3)	461	12.5	(9.4-16.6)
Widowed	888	6.4	(4.9-8.4)	164	9.5	(5.4-16.2)	724	5.7	(4.1-7.7)
Never Married	763	5.8	(3.9-8.6)	425	5.0	(2.7-9.1)	338	7.1	(4.3-11.5)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Further Analysis

Following are data illustrating the percent of those who have gotten sick from outdoor air pollution in the past 12 months for various health behaviors and conditions. For example, 20.2 percent of respondents who stated they currently have asthma have gotten sick from outdoor air pollution in the past 12 months, while 5.0 percent of respondents who stated they have never had asthma have gotten sick from outdoor air pollution in past 12 months.

Table 95
Sick from Outdoor Air Pollution in Past 12 Months for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% Sick from Outdoor Air Pollution	95% CI
Fair or Poor Health Status	949	11.1	8.9-13.6
Excellent, Very Good, or Good Health Status	5,152	5.4	4.7-6.2
Physical Health Not Good for 30 Days of the Past 30	393	12.4	9.1-16.6
Physical Health Not Good for 0-29 Days of the Past 30	5,670	5.8	5.1-6.6
Mental Health Not Good for 20-30 Days of the Past 30	346	13.1	9.5-17.7
Mental Health Not Good for 0-19 Days of the Past 30	5,707	5.7	5.0-6.5
Usual Activities Unattainable for 10-30 Days of the Past 30	394	13.0	9.7-17.1
Usual Activities Unattainable for 0-9 Days of the Past 30	5,700	5.7	5.0-6.5
Obese (BMI = 30.0+)	1,537	7.4	6.0-9.0
Overweight (BMI = 25.0-29.9)	2,257	6.3	5.2-7.7
Recommended Weight (BMI = 18.5-24.9)	2,040	5.1	4.0-6.5
No Leisure Time Physical Activity	1,314	6.2	4.8-8.0
Leisure Time Physical Activity	4,798	6.1	5.3-7.0
Current Smoker	1,217	6.5	5.1-8.4
Former Smoker	1,599	6.9	5.6-8.4
Never Smoked	3,289	5.7	4.7-6.8
Drank Alcohol in Past 30 Days	3,271	6.2	5.3-7.4
No Alcohol in Past 30 Days	2,805	5.9	5.0-7.0
Binge Drinker	793	5.6	4.1-7.7
Not a Binge Drinker	5,265	6.2	5.4-7.0
Heavy Drinker	207	2.3	1.0-5.1
Not a Heavy Drinker	5,832	6.2	5.5-7.1
No Mammogram within Past Two Years (40+)	654	9.0	6.8-11.8
Mammogram within Past Two Years (40+)	1,998	6.3	5.3-7.6
No Clinical Breast Exam within Past Two Years	682	6.2	4.5-8.5
Clinical Breast Exam within Past Two Years	2,874	6.8	5.7-8.0
Insufficient Cervical Cancer Screening	400	6.8	4.4-10.2
Sufficient Cervical Cancer Screening	2,235	6.2	5.1-7.6
No PSA Test within Past Two Years (40+)	801	6.3	4.6-8.5
PSA Test within Past Two Years (40+)	963	5.2	3.9-6.9
No Digital Rectal Exam within Past Two Years (40+)	815	7.0	5.3-9.3
Digital Rectal Exam within Past Two Years (40+)	1,004	4.9	3.6-6.5
No Blood Stool Test within Past Two Years (50+)	2,406	6.4	5.4-7.6
Blood Stool Test within Past Two Years (50+)	887	6.0	4.5-7.8
Never Had Sigmoidoscopy or Colonoscopy (50+)	1,644	6.5	5.3-7.9
Ever Had Sigmoidoscopy or Colonoscopy (50+)	1,669	6.2	5.1-7.6
Haven't Been to the Dentist in the Past 12 Months	1,837	5.8	4.7-7.1
Been to the Dentist in the Past 12 Months	4,265	6.3	5.4-7.2
Not Taking any Precautions Against West Nile Virus	1,905	5.0	4.0-6.2
Taking Precautions Against West Nile Virus	4,042	6.8	5.9-7.9
No Health Insurance (18-64)	368	10.4	7.0-15.3
Health Insurance (18-64)	3,887	6.2	5.4-7.2
Employer Based Health Insurance Coverage (18-64)	2,662	5.7	4.8-6.8
Private Health Insurance Plan (18-64)	531	5.6	3.8-8.2
Medicare (18-64)	116	12.3	6.9-21.1
Medicaid or Medical Assistance (18-64)	111	6.9	3.6-12.8
The Military, CHAMPUS, TriCare, or the VA (18-64)	184	10.1	5.4-17.8
The Indian Health Service (18-64)	235	7.3	4.1-12.8

Table 95 (continued)
Sick from Outdoor Air Pollution in Past 12 Months for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% Sick from Outdoor Air Pollution	95% CI
No Flu Shot (65+)	419	5.7	3.8-8.5
Flu Shot (65+)	1,287	4.7	3.7-6.0
No Pneumonia Shot (65+)	579	4.2	2.8-6.3
Pneumonia Shot (65+)	1,110	5.4	4.2-6.9
Diabetes	525	8.2	6.1-11.1
No Diabetes	5,587	6.0	5.3-6.8
Current Asthma	434	20.2	16.1-25.0
Former Asthma	191	7.0	4.2-11.5
Never Had Asthma	5,467	5.0	4.3-5.8
Previously Had a Heart Attack	367	10.6	7.6-14.6
Never Had a Heart Attack	5,603	6.0	5.3-6.8
Have Angina or Coronary Heart Disease	397	10.7	7.7-14.6
Do not Have Angina or Coronary Heart Disease	5,555	6.0	5.2-6.8
Previously Had a Stroke	192	7.9	4.6-13.3
Never Had a Stroke	5,775	6.2	5.5-7.0
Physical, Mental, or Emotional Disability	1,244	10.6	8.8-12.7
No Physical, Mental, or Emotional Disability	4,795	5.3	4.5-6.1
Disability with Special Equipment Needed	448	10.9	8.1-14.7
No Disability with Special Equipment Needed	5,594	5.9	5.2-6.7
Four or More Hours of TV Watched per Day	1,421	8.2	6.5-10.2
Less Than Four Hours of TV Watched per Day	4,504	5.7	4.9-6.6
Sick from Poor Indoor Air Quality in Past Year	1,003	21.8	18.7-25.1
Not Sick from Poor Indoor Air Quality in Past Year	5,074	2.9	2.4-3.5
Firearm in Household	3,361	6.0	5.0-7.0
No Firearms in Household	2,521	6.6	5.5-7.8
Loaded and Unlocked Firearm in Household	274	8.0	5.1-12.3
No Loaded and Unlocked Firearms in Household	5,570	6.1	5.4-6.9
No Birth Control (females 18-44 & males 18-59)	333	4.7	2.8-7.9
Birth Control (females 18-44 & males 18-59)	1,679	6.0	4.7-7.5
Never Been Tested for HIV (18-64)	3,079	5.9	4.9-7.0
Been Tested for HIV (18-64)	1,149	8.5	6.8-10.5
Sunburn in Past 12 Months	2,166	6.0	4.9-7.3
No Sunburn in Past 12 Months	3,938	6.2	5.4-7.3
Military Veteran	1,008	5.7	4.1-7.7
Not a Military Veteran	5,093	6.2	5.5-7.1

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004